

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

4933/PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

to be assigned - new
10/587345

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/DE2005/001206

7 July 2005 (07.07.05)

14 July 2004 (14.07.04)

TITLE OF INVENTION ARRANGEMENT FOR DETECTION OF A SHAFT BREAK IN A GAS
TURBINE AS WELL AS A GAS TURBINE

APPLICANT(S) FOR DO/EO/US

Christopher BILSON, Ian FITZGERALD

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto, along with a Translator's Declaration. The Translation is accurate.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449, 1 Engl. abstract, copy and English translation of International Search Report.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☒ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Other items or information:
 - a) a return receipt postcard;
 - b) Form PTO-2038;
 - c) 1 Fig. on 1 sheet of Formal Drawings.

NOTE: The priority of German Patent Application 10 2004 033 924.4, filed in the Federal Republic of Germany on July 14, 2004 is claimed for the present Application under 35 USC §119.

NOTE: The entire disclosure of PCT International Application PCT/DE2005/001206 is incorporated herein by reference.

NOTE: This Application has been assigned to: MTU Aero Engines GmbH of: Dachauer Strasse 665, D-80995 Muenchen, Federal Republic of Germany.

NOTE: Please print the Assignee data with the Published Application.

USPS EXPRESS MAIL

EV 636 852 134 US

JULY 25 2006

IAP5 Rec'd PCT/PTO 25 JUL 2006

10/587345

U.S. APPLICATION NO. (37 CFR 1.53)

to be assigned - new

INTERNATIONAL APPLICATION NO.

PCT/DE2005/001206

ATTORNEY'S DOCKET NUMBER

4933/PCT

21. ☒ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. ~~\$1040.00~~

National Phase filing fee (\$300), Search fee (\$400),

Examination fee (\$200) = \$900.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ~~\$740.00~~

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ~~\$740.00~~

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ~~\$300.00~~

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

\$ 900.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	16 - 20 =	0	x \$18.00	\$ 0
Independent claims	2 - 3 =	0	x \$84.00	\$ 0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ 0
TOTAL OF ABOVE CALCULATIONS =				\$ 900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0
SUBTOTAL =				\$ 900.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0
TOTAL NATIONAL FEE =				\$ 900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00
TOTAL FEES ENCLOSED =				\$ 940.00
				Amount to be refunded: \$
				charged: \$

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

The Power of Attorney and the Correspondence
Address for this Application are to
CUSTOMER NO.: 021553.

USPS EXPRESS MAIL
EV 636 852 134 US
JULY 25 2006

Walter F. Fasse
SIGNATURE

Walter F. Fasse - 7/25/06
NAME

36132
REGISTRATION NUMBER